

ELECTRONIC MILK TESTER



Description

Electronic Milk Tester manufactured by REIL has been adopted as an essential instrument for measurement of milk fat. Percentage of fat content is displayed quickly and accurately on a digital readout.

Several thousand small/large Dairies and village Milk Collection Centres are being benefited with its use.

Working Principle

Electronic Milk Tester works on the photometric measurement of light scattered by the fat globules present in the milk sample. The measuring procedure follows the conventional system of dilution, mixing, homogenisation and photometric measurement.

Features

- Auto zero facility
- Quick and instant read-out
- Easy to read digital LED display
- Runs on mains or battery
- Measures upto 13% fat
- Accepts small sample volume
- Performs 120-150 tests per hour
- Built-in battery charger
- Close correlation to accepted standard methods
- Automatic switch-over to battery in case of power failure
- Inexpensive method of milk testing

Technical Specifications

Performance Data

- Measuring range : 0-13% fat
- Capacity : 120-150 samples/hour
- Accuracy (Sd) : 0.06 for 0-5% fat
0.10 for 5-8% fat
0.20 for 8-13% fat
- Repeatability (Sd) : 0.03 for 0-5% fat
0.04 for 5-8% fat
0.08 for 8-13% fat
- Sample volume : 0.5 ml/test
- Diluent volume : 6.5 ml/test

Installation Requirements

- Power supply : AC: 230-240V; (Max + 10%, Min - 15%)
DC: 12V, 6A; (Max 16V; Min 10.5V)
A fully-charged 120AH battery will last for at least 10 hours of operation.
- Ambient temperature : 5-45°C
- Dimensions (HxWxD) : 23 x 31 x 53 cm.
- Space requirement : 60 x 80 cm.
- Weight (without diluent) : 16 Kg.

Auto Zero Electronic Milk Tester is manufactured by Rajasthan Electronics & Instruments Ltd. and is patented in India (Patent No. 162266) and is EMI compliant.

Regional Offices

| Andhra Pradesh | Gujarat | Karnataka | Madhya Pradesh | Punjab | Bihar | Uttar Pradesh | Rajasthan |
|----------------|-------------|-------------|----------------|-------------|-------------|---------------|-------------|
| Hydrabad | Anand | Bangalore | Bhopal | Chandigarh | Patna | Lucknow | Jaipur |
| 09490794876 | 09426009337 | 09449812925 | 09303027148 | 09417803225 | 09051142562 | 09696870007 | 09929705337 |

After Sales Service Centre

Ahmedabad, Ajmer, Alwar, Ballabgarh, Beharampur, Bellary, Bharatpur, Bhilwara, Bikaner, Bulandsahar, Calicut, Coimbatore, Erode, Gwalior, Hanumangarh, Himmatnagar, Hyderabad, Jalgaon, Jodhpur, Kolar, Ludhiana, Mandya, Mangalore, Meerut, Mohali, Mysore, Palanpur, Pali, Ratlam, Rudhrapur, Salem, Shimoga, Sikar, Trichy, Udaipur, Vadodara, Valsad, Vilupuram, Vijaywada, Vishakhapattanam etc.

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The above specifications are subject to change without prior notice in order to provide you the best available and acquired for continual improvement.